

Serial No. 09/595,622  
Atty. Docket No. 70655.8100

### **In the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for completing an electronic form comprising:  
creating a ~~plurality of user profiles~~ profile associated with a user, wherein said user profile includes user data:  
obtaining an electronic form having ~~one or more fields~~ at least one field to be completed;  
dynamically generating a form map, wherein said form map identifies an association between user data and a field in the electronic form;  
obtaining ~~one of said plurality of the user profiles~~ profile from a fill server, ~~wherein said user profile contains user data corresponding to the one or more fields of the electronic form;~~  
completing ~~at least one of the fields~~ a field according to the form map of the electronic form with the user data upon the transfer of the user profile information to said field of the electronic form.
2. (currently amended) The method as recited in Claim 1, wherein the step of obtaining a user profile includes:  
transmitting a user identification and a signature of the electronic form to a fill server; and  
obtaining the user profile from the fill server, wherein the user profile corresponds to the user identification ~~and the electronic form signature.~~
3. (previously presented) The method as recited in Claim 2, wherein the user identification includes a user ID and a user password.
4. (previously presented) The method as recited in Claim 2, wherein the electronic form signature includes a text string having a uniform resource locator of the electronic form.
5. (previously presented) The method as recited in Claim 4, wherein the electronic form signature includes a descriptor of the one or more fields of the electronic form.
6. (currently amended) The method as recited in Claim 4, wherein the electronic form signature includes a descriptor of ~~one or more actions~~ form field requirements ~~requested by the electronic form.~~
7. (currently amended) The method as recited in Claim 1, wherein the user profile is represented by a graphical icon on a display screen and wherein the user ~~profile data~~ profile data is transferred

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to the electronic form ~~manipulating the~~ on manipulation of the graphical icon within the display screen.

8. (previously presented) The method as recited in Claim 1, wherein the user profile includes shippable code embodying the user data corresponding to the fields of the electronic form, and wherein completing at least one of the fields of the electronic form includes executing the shippable code to complete at least one of the fields of the electronic form.

9. (previously presented) A computer-readable medium having computer-executable instructions for performing the steps recited in any one of Claims 1-8.

10. (previously presented) A computer system having a processor, a memory and an operating environment, the computer system operable to perform the steps recited in any one of Claims 1-8.

11. (currently amended) In a computer system having a graphical user interface including a display and user interface device, a method of completing an electronic form comprising:

creating a ~~plurality of user profiles~~ profile;

displaying a ~~first application~~ indicative of an electronic form having one or more fields at least one field;

creating a form map of the fields for the electronic form wherein the form map is dynamically generated;

displaying a second application indicative of ~~said plurality of the user profiles~~ profile containing data corresponding to ~~one or more fields~~ at least one field of the electronic form according to the form map;

receiving a user selection indicative of the user device transferring the user profile from the second application to the first application; and

completing at least one of the one or more of the fields of the electronic form.

Claim 12 (canceled)

13. (previously presented) The method as recited in Claim 11, wherein the user profile is a graphical icon displayed on a display screen.

14. (previously presented) The method as recited in Claim 11, wherein the user profile includes shippable code embodying the user data corresponding to the one or more fields and wherein completing the one or more fields of the electronic form includes executing the shippable code to complete at least one of the fields of the electronic form.

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15. (previously presented) The method as recited in Claim 11, wherein the first application is displayed as a rectangular window in the graphical user interface.
16. (previously presented) The method as recited in Claim 15, wherein the second application is displayed as a rectangular window in the graphical user interface.
17. (previously presented) A computer-readable medium having computer-readable instructions for performing the steps recited in any one of Claims 11-16.
18. (previously presented) A computer system having a processor, a memory and an operating environment, the computer system operable to perform the steps recited in any one of Claims 11-16.
19. (currently amended) A method in a computer system for completing an electronic form comprising:

obtaining a user identification corresponding to a ~~plurality of user profiles~~ profile  
from a fill server, wherein the user profile is associated with a user;  
obtaining a form signature of an electronic form having ~~one or more fields~~ at least  
one field; and  
dynamically generating a form map, wherein said form map identifies an association  
between user data and a field in the electronic form; and  
generating a fill bundle corresponding to a merger of data within at least one of said  
the plurality of user profiles profile and the form map corresponding to the form signature,  
wherein the fill bundle is embodied in a graphical representation.

20. (previously presented) The method as recited in Claim 19 further comprising obtaining the user profile corresponding to the user identification from a database having one or more user profiles organized according to a user identification.
21. (previously presented) The method as recited in Claim 19 further comprising obtaining the form map corresponding to the form signature from a database having one or more form maps organized according to a form signature.
22. (previously presented) The method as recited in Claim 21, wherein if the form map database does not have a form map corresponding to the form signature, generating a form map based upon the form signature.
23. (previously presented) The method as recited in Claim 19, wherein the fill bundle includes shippable code containing commands for completing one or more corresponding fields of the electronic form.

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24. (previously presented) A computer-readable medium having computer-executable instruction for performing the steps recited in any one of Claims 19-23.
25. (previously presented) A computer system having a processor, a memory and an operating environment, the computer system operable to perform the steps reciting in any one of Claims 19-23.
26. (currently amended) A computer system for completing electronic forms comprising:  
a document browser operable to access and manipulate an electronic form having ~~one or more fields at least one field;~~ and  
a map generator providing a form map of the at least one field; and  
a fill server in communication with the document browser and providing a graphical representation of executable code embodying a ~~plurality of user profiles~~ profile including data for completing at least one of the fields of the electronic form.
27. (previously presented) The computer system as recited in Claim 26 further comprising a user information server in communication with the fill server and providing user profile data to the fill server.
28. (previously presented) The computer system as recited in Claim 26 further comprising a form map server in communication with the fill server and providing form maps corresponding to one or more fields of an electronic form, wherein the graphical representation includes a merger of a form map and user profile data.
29. (previously presented) The computer system as recited in Claim 26 further configured to serve a document, wherein said document is in communication with the document browser and configured to provide the electronic form having one or more fields.
30. (currently amended) A computer-readable medium having computer-executable modules comprising:  
a user interface module operable to create a ~~plurality of user profiles~~ profile stored on a fill server, wherein ~~one of said plurality of user profiles~~ profile includes user data for completing ~~one or more fields at least one field~~ of an electronic form; and  
a map generator module operable to create a form map of the electronic form; and  
a fill generator module operable to create a graphical fill bundle corresponding to a merger of the user data and a form map of the electronic form.

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31. (previously presented) The computer-readable medium as recited in Claim 30, wherein the user interface module further is operable to grant access to existing user profiles.
32. (previously presented) The computer-readable medium as recited in Claim 30, wherein the fill generator module further includes a form map generator operable to generate a form map corresponding to form signature.
33. (previously presented) The computer-readable medium as recited in Claim 30, wherein the graphical fill bundle is embodied in shippable code to be executed by a receiving application program.
34. (currently amended) A computer-readable medium having computer-executable instructions comprising a shippable code segment including a map generator for creating instructions for completing ~~one or more fields~~ at least one field of an electronic form using ~~a one of a plurality of~~ user profiles profile and embodied in a graphical representation for display and manipulation in a graphical operating environment.
35. (previously presented) The computer-readable medium as recited in Claim 34 further embodied in a communication medium.